

Amendments To the Claims:

Please amend the claims as shown.

1-8. (canceled)

9. (currently amended) A system of the type including multiple functions relating to production, including Enterprise Resource Planning (ERP), maintenance and automation, configured to provide simultaneous access to data from a plurality of data devices sources within the system, the data devices sources including stored in various devices, each having a separate interface for accessing the data contained in the data source, the various devices including an automation device, an ERP device, and an MES device, the system comprising:

a central access interface device having interface connections to receive data from simultaneously accessible by multiple users and in communication with each of the plurality of data device sources, wherein the central ~~access~~ interface device comprises mechanisms for simultaneously providing a uniform, central, single point of access to multiple ones of the plurality of predetermined data sources of the plurality data sources and simultaneous uniform visualization of the data in the data received from the multiple ones of the data sources, the central ~~access~~ interface device including comprising:

(a) a restricted access administration device providing role-based access for each of the multiple users, wherein the restricted access administration device identifies a user and, based on a role of the user, enables or restricts so that the users are enabled to access to predetermined data sources from predetermined devices without being able to access data of other devices, the central access device further including;

(b) a data acquisition device controlled by the restricted access administration device and in communication with each of the plurality of data sources, the data acquisition device configured to fetch data from the predetermined data sources as determined by the restricted access administration device based on the role of the user and to assemble the data for the user;

(c) a polling device ~~configurable by users in order to~~ for cyclically monitor polling the data from the predetermined data sources based on a production criterion configurable defined by a the user, from the various data sources wherein the polling device

(1) monitors and evaluates the data for ~~by evaluating the data in such a way that upon attainment of the~~ production criterion,

(2) generates a corresponding message ~~is automatically generated~~ indicating to the user ~~that when the~~ production criterion has been ~~met~~attained, and

(3) ~~wherein, when the criterion is met,~~assembles and makes available to the user the data relevant to attainment of the production criterion ~~are made available in an automated manner to the user when the user is next logged in to the system; and~~

(d) a visualization device having a plurality of portal modules enabling data fetched from ~~different devices~~the plurality of data sources to be viewed simultaneously in a visualization window wherein data is visualized uniformly and predetermined for the user based on the role of the user.

10 – 26. (cancelled).